

## Organic Laboratory Capability Survey

Indicate if Laboratory has present capability to perform requested analysis or service.

Analysis or Service	Yes	No
Analytical		
SW 846 Method 8260 (GC/MS volatiles)		
SW 846 Method 5030 (aqueous purge and trap)		
SW 846 Method 5035 (closed-system purge and trap for soils)		
SW 846 Method 8270 (GC/MS semivolatiles)		
SW 846 Method 8081 (GC-ECD for chlorinated pesticides)		
SW 846 Method 8082 (GC-ECD for PCB Aroclors only)		
SW 846 Method 3510 (Separatory funnel liquid-liquid extraction)		
SW 846 Method 3520 (Continuous liquid-liquid extraction)		
SW 846 Method 3535 (Solid phase extraction)		
SW 846 Method 3540 or 3541 (Soxhlet extraction / automated Soxhlet)		
SW 846 Method 3545 (Pressurized Fluid Extraction)		
SW 846 Method 3550 (ultrasonic extraction)		
SW 846 Method 3580 (Waste dilution)		
SW 846 Method 3585 (Waste dilution for volatile organics)		
SW 846 Method 3620 ( Florisil cleanup)		
SW 846 Method 3630 (Silica Gel cleanup)		
SW 846 Method 3640 (Gel-permeation cleanup)		
SW 846 Method 3660 (sulfur-cleanup)		
SW 846 Method 3810 (Headspace)		
SW 846 Method 5021 (Headspace)		
SW 846 Method 8151 (Chlorinated Herbicides by GC-ECD)		
SW 846 Method 8141 (Organo-phosphorus pesticides by GC-ECD)		

SW 846 Method 8011 (Ethylene dibromide and Dibromochloropropane by microextraction followed by GC)		
SW 846 Method 8015 (Nonhalogenated organics by GC -FID)		
SW 846 Method 8310 (Polynuclear Aromatic Hydrocarbons by HPLC)		
SW 846 Method 8318 (Determination of Methylcarbamates by HPLC)		
SW 846 Method 8321 (HPLC/Thermospray -MS)		
SW 846 Method 8330 (Determination of nitroaromatics and nitramines by HPLC)		
SW 846 Method 8410 (GC/FTIR)		
SW 846 Method 8332 (Nitroglycerine by HPLC)		
SW 846 Method 1311 (TCLP extraction and testing for volatile semivolatile, pesticide, and herbicide Toxicity analytes -		
SW 846 Method 1312 (Synthetic Precipitation Leaching Procedure)		
Petroleum Hydrocarbon Analysis by Gas Chromatography - determination of gasoline, diesel, and related petroleum products		
Petroleum Hydrocarbon Fraction Analysis by Gas Chromatography Texas Method 1005/1006 or related method - requires the use of Alumina and or Silica gel fractionation followed by GC-FID		
SW 846 Method 8290 for Dioxins		
Determination of Polyaromatic Hydrocarbons by GC/MS - Single Ion Monitoring (SIM) technique		
Determination of PCB congeners using low resolution GC/MS		
Determination of 209 PCB congeners using high resolution GC/MS - EPA Method 1668 or similar		
Determination of PCB Homologues by low resolution GC/MS		
Determination of PCB Homologues by high resolution GC/MS		
Soil Gas Analyses		
Determination of Natural Attenuation Parameters		

Reporting Capabilities		
Able to provide Excel or Lotus Spreadsheet for basic results		
Able to provide full hard copy "CLP - Like" data packages		
Able to provide full hard copy and electronic "CLP" data packages		
Able to store and report all analytical data via LIMS database system		
Instrumental Capacity: Please indicate number of instruments available to perform required analysis		
GC/MS equipped with Purge and Trap for volatile analyses		
GC/MS for semivolatile type analyses (e.g. SW 846 Method 8270, 8270 SIM, etc)		
GC equipped with ECD for pesticide and PCB analyses		
High resolution GC/MS for Dioxin analyses		
High resolution GC/MS for PCB congener/homologue analyses		
Low resolution GC/MS for Dioxin/PCB analyses		
HPLC instrumentation for Polyaromatic hydrocarbon analyses		
HPLC for carbamate analyses		
HPLC/Thermospray- MS		
GC/FTIR		
HPLC for nitroaromatic and nitramine analyses		
Number of dedicated Continuous Liquid-Liquid extractors available		
Number of glass separatory funnels available for extractions		